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Other publications from [DYNAMIT NOBEL AG \(DYNN\)](#)...**Inventor:** SCHMIDT W;**Accession/** 1982-31268E / 198216**Update:****IPC Code:** B05D 5/00 ; C04B 41/28 ; C07F 7/18 ; C08J 9/40 ; C09K 3/18 ; C10M 3/44 ;**Derwent Classes:** **A82; E11; L02; P42;****Manual Codes:** **A01-A03**(Silicon containing monomers, condensants) , **E05-E02**((Cyclo)aliphatic compound with Si-C bond [general]) , **L02-D14**(Concrete additives and coatings)**Derwent Abstract:** (EP0049365A) New stable aq. alkyl-silanol solns. contain 0.5-45 (2-40) wt.% alkyl-trialkoxysilane hydrolysates having formula  $\text{CH}_3\text{CH}_2\text{CH}_2\text{-Si(OH)}_n(\text{OR}')^{3-n}$  (I) (where R' is 1-4C alkyl and n is 1-3) and pref. have pH 2-7. (I) are prepd. by mixing alkyl-trialkoxysilanes with water at pH 1-7 (2-3.5) at room temp. Heating is not required, since silanol- formation is exothermal. Soln. use for the water-repellent impregnation of inorganic oxide-, esp. building material and for camouflage impregnation is claimed.

<b>Family:</b>	<b>PDF</b>	<b>Patent</b>	<b>Pub. Date</b>	<b>Derwent Update</b>	<b>Pages</b>	<b>Language</b>	<b>IPC Code</b>
 <b>EP0049365A *</b>			1982-04-14	198216	13	German	C04B 41/28
Des. States: (R) AT BE CH DE FR GB IT LI LU NL SE							
Local apps.: <a href="#">EP1981000106892</a> Filed:1981-09-03 (81EP-0106892)							
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 <b>US4708743 =</b>			1987-11-24	198749	4	English	C09K 3/18
Local apps.:							
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 <b>DE3173444G =</b>			1986-02-20	198609		German	C04B 41/49
Local apps.:							
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<b>EP0049365B =</b>			1986-01-08	198603		German	C04B 41/28
Des. States: (R) AT BE CH DE FR GB IT LI LU NL SE							
Local apps.:							
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 <b>CA1196653A =</b>			1985-11-12	198550		English	C07F 7/18
Local apps.:							

☒ [US4517375](#) = 1985-05-14 198522 4 English C07F 7/08  
Local appls.: [US1986000846496](#) Filed:1986-03-26 (86US-0846496)

☒ [US4352894](#) = 1982-10-05 198242 4 English C08J 9/40  
Local appls.: [US1982000375941](#) Filed:1982-05-07 (82US-0375941)

☒ [JP57126878A](#) = 1982-08-06 198237 English C04B 41/22  
Local appls.:

☒ [DE3037220A](#) = 1982-04-29 198218 German B05D 5/00  
Local appls.:

☒ INPADOC  
Legal Status:

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☒ Priority Number:

Application Number	Filed	Original Title
<a href="#">DE1980003037220</a>	1980-10-02	STABILE WAESSRIGE IMPRAENIERLOESUNGEN AUS HYDROLIERTEN ALKYLTRIALKOXISILANAN

☒ Chemical  
Indexing Codes:

[Show chemical indexing codes](#)

☒ Polymer  
Multipunch Codes:

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☒ Title Terms:

STABILISED AQUEOUS ALKYL TRI ALKOXY SILANE HYDROLYSATE  
SOLUTION\*WATER IMPERMEABLE INORGANIC OXIDE BUILD MATERIAL  
FOAM PVA

Index Terms:

POLYVINYL ALCOHOL

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